Systems Inventory Manager
Data Structures

Manufacturing Part Number : 5187-0789

May 2002

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- *Systems Inventory Manager Data Structures*

  May 2002, Edition 1

  Software depot web site at `http://software.hp.com/products/SIM/info.html`

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Conventions

We use the following typographical conventions.

audit (5)	An HP-UX manpage. *audit* is the name and *5* is the section in the *HP-UX Reference*. On the web and on the Instant Information CD, it may be a hot link to the manpage itself. From the HP-UX command line, enter "`man audit`" or "`man 5 audit`" to view the manpage. See *man* (1).
Book Title	The title of a book. On the web and on the Instant Information CD, it may be a hot link to the book itself.
Emphasis	Text that is emphasized.
Emphasis	Text that is strongly emphasized.
`ComputerOut`	Text displayed by the computer.
`Command`	A command name or qualified command phrase.
`Computer`	`Computer font` indicates literal items displayed by the computer. For example: `file not found`
`Filename`	Text that shows a filename and/or filepath.
`UserInput`	Commands and other text that you type.
`Variable`	The name of a variable that you may replace in a command or function or information in a display that represents several possible values.
[ ]	The contents are optional in formats and command descriptions.
{ }	The contents are required in formats and command descriptions. If the contents are a list separated by |, you must choose one of the items
...	The preceding element may be repeated an arbitrary number of times.
|	Separates items in a list of choices.

Glossary and Acronyms

The following terms and acronyms are used in this guide:

CIM   Common Information Model

DMI   Desktop Management Interface

DNS   Domain Name Service

GUI   graphical user interface

NIS   Network Information System

NTP   Network Time Protocol

SIM   Systems Inventory Manager

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1 Data Structures

Introduction

The Systems Inventory Manager (SIM) is an inventory collection and management web application that can collect over 600 different system attributes. Given that the volume of data you can collect is extremely large, SIM uses the Common Information Model (CIM) to logically group the data. SIM organizes the data into seven groups of information that are further divided into 24 categories. See Table 1-1, "Data Groups & Categories," on page 10.

SIM uses the categories of information to filter the data at the attribute level. It also uses the categories to cluster similar data in logical groups so that the graphical user interface (GUI) can display the data.

This guide describes the following:

*   The seven main groups of information.
*   The 24 categories and their data table structures.
*   The attributes that the GUI displays inside various categories.
*   The attributes that you can specify as part of the filter feature of the SIM GUI to limit the amount of data collected.

NOTE   SIM does not handle Windows- and Linux-specific tables at this time.

Table 1-1   Data Groups & Categories

Group Name	Category Name
System	ComputerSystem
	OperatingSystem
	BaseKernelParameter
	Processor
Memory	LogicalMemory
	OperatingSystem* (memory attributes only)
I/O Devices	Device
	Storage
File System	FileSystem
	LVMLogicalVolume
	LVMPhysicalVolume
	LVMPhysicalVolumeGroup
	LVMVolumeGroup
Network	DNSAdminDomain
	IPRoute
	NetworkAdapter
	NISAdminDomain
	NTPAdminDomain
Software	BundleContents
	Bundle
	Products
	Fileset
Process	Process
	OperatingSystem* (process-related information)

*Filter attributes are controlled at the OperatingSystem category only.

Category Design

This section outlines the criteria used to define the categories, the definition of filter attributes, and the GUI display attributes. The implications of these filters on the Comparison Reports are also outlined.

Because the number of attributes that data collection engine collects can be high, the number of attributes displayed on the initial screens are limited. As you progress through screens, the level of detail increases to more specific data groupings.

Logic for GUI Attributes

- The attributes displayed in the GUI should have valid collected values at least 90% of the time. DMI collects a variety of attributes during data collection. However, all of these attributes may not have values all the time. Those attributes that will have data at least 90% of the time make good candidates to be displayed in the GUI.

- Number of columns in a table should not be more than seven columns. The generally accepted number of columns usually ranges from five to seven, depending on the screen resolution and the length of the attributes. To adhere to conventions, the number of attributes has been kept to less than seven in almost all tables except the software category (most of the tables have seven columns)

Logic for Filter Attributes

- You cannot filter attributes that make up the primary keys for the table.

- You cannot filter GUI attributes that are always displayed.

- You cannot filter attributes that cannot be collected through DMI. If DMI does not collect certain attributes, they are not presented in the filter options for the GUI. The data collection engine at this time ignores these fields.

Comparison Reports Implications

- Comparison Reports continue to filter at the category level only.

- Comparison Reports perform a comparison of all the elements shown in the Snapshot Parameters Column of each table.

- Mapping of the categories to the table is shown in Table 1-1, "Data Groups & Categories," on page 10.

Data Table Legend

Each data table contains the following information:

- Group Name: One of the seven main groups of information.

- Category Name: One of 24 categories of information. It is the actual table name used in the database.

- Single Row/Multiple Rows: Defines if the data set is a single row or multiple rows for a selected data snapshot.

- Table Attributes: Some of the 600 different system attributes.

- Filter Parameters column: Attributes that you can filter.

- Snapshot Presentation column: View you can use to see all collected attributes. SIM allows you to view all the collected attributes.

- Snapshot Parameters column: Attributes that the GUI displays and you can display.

- Attributes in **bold** represent the primary keys of the table.

- The '~' symbol denotes attributes that have no provider or the data cannot be collected. The attribute collection may, however, change in the future.

- The operating system acronym (HP-UX) denotes the applicability of the attributes in the appropriate column (Filter Parameters/Snapshot Presentation/Snapshot Parameters).

System Categories & Data Tables

The System group contains the following categories and structure in the data tables:

- System: ComputerSystem
- System: OperatingSystem
- System: BaseKernelParameter
- System: Processor

Table 1-2   System: ComputerSystem table

Group Name: System	Category Name: ComputerSystem		
Single Row			
Table Attributes	Filter Parameters	Snapshot Presentation	Snapshot Parameters
ComputerSystemID			
Caption	~		~
Description	~		~
InstallDate	~		~
Name		HP-UX	HP-UX
Status	~		~
CreationClassName	~		~
PrimaryOwnerContact	HP-UX		HP-UX
PrimaryOwnerName	HP-UX		HP-UX
Roles	~		~
NameFormat	~		~
OtherIdentifyingInfo		HP-UX	HP-UX
IdentifyingDescriptions	HP-UX		HP-UX
Dedicated	HP-UX		HP-UX
InitialLoadInfo	~		~
LastLoadInfo	~		~
ResetCapability	~		~
PowerManagementSupported	~		~
PowerManagementCapabilities	~		~

Table 1-2   System: ComputerSystem table (Continued)

Group Name: System	Category Name: ComputerSystem		
PowerState	~		~
WakeUpType	~		~
PrimaryOwnerPager	HP-UX		HP-UX
SecondaryOwnerName	HP-UX		HP-UX
SecondaryOwnerContact	HP-UX		HP-UX
SecondaryOwnerPager	HP-UX		HP-UX
SerialNumber	HP-UX		HP-UX
IdentificationNumber	HP-UX		HP-UX
Location	HP-UX		HP-UX
NodeID			
SnapshotID			

Table 1-3   System: OperatingSystem table

Group Name: System	Category Name: OperatingSystem+		
Multiple Rows			
Table Attributes	Filter Parameters	Snapshot Presentation	Snapshot Parameters
OperatingSystemID			
Caption	~		~
Description	HP-UX		HP-UX
InstallDate		HP-UX	HP-UX
Name		HP-UX	HP-UX
Status	~		~
CSCreationClassName	~		~
CSName	~		~
CreationClassName	~		~
OSType		HP-UX	HP-UX
OtherTypeDescription	~		~
Version		HP-UX	HP-UX

Table 1-3   System: OperatingSystem table (Continued)

Group Name: System	Category Name: OperatingSystem+		
LastBootUpTime		HP-UX	HP-UX
LocalDateTime	~		~
CurrentTimeZone	~		~
CurrentTimeZoneDescription	HP-UX		HP-UX
NumberOfLicensedUsers	~		~
NumberOfUsers		HP-UX	HP-UX
NumberOfProcesses		HP-UX	HP-UX
MaxNumberOfProcesses		HP-UX	HP-UX
TotalSwapSpaceSize	~		~
TotalVirtualMemorySize	~		~
FreeVirtualMemory	~		~
FreePhysicalMemory	~		~
TotalVisibleMemorySize	HP-UX		HP-UX
SizeStoredInPagingFiles	~		~
FreeSpaceInPagingFiles	~		~
MaxProcessMemorySize	~		~
Distributed	~		~
OperatingSystemCapability	HP-UX		HP-UX
SystemUpTime	HP-UX		HP-UX
IsPrimaryOperatingSystem	HP-UX		HP-UX
NodeID			
SnapshotID			

+For the first SIM release, this table has only one row.

Table 1-4   System: BaseKernelParameter table

Group Name: System	Category Name: BaseKernelParameter		
Multiple Rows			
Table Attributes	Filter Parameters	Snapshot Presentation	Snapshot Parameters
BaseKernelParameterID			

Table 1-4   System: BaseKernelParameter table (Continued)

Group Name: System	Category Name: BaseKernelParameter		
Description	~		~
SettingID		HP-UX	HP-UX
OldName	~		~
Module	~		~
CurrentValue		HP-UX	HP-UX
PendingValue		~	~
PlannedValue		~	~
LastBootValue	~		~
DefaultValue	~		~
Minimum		HP-UX	HP-UX
Maximum		HP-UX	HP-UX
DynamicFlag	HP-UX		HP-UX
Flags	HP-UX		HP-UX
NodeID			
SnapshotID			

Table 1-5   System: Processor table

Group Name: System	Category Name: Processor		
Multiple Rows			
Table Attributes	Filter Parameters	Snapshot Presentation	Snapshot Parameters
ProcessorID			
Caption	~		~
Description	~		~
InstallDate	~		~
Name	~		~
Status	~		~
SystemCreationClassName	~		~
SystemName	~		~

Table 1-5   System: Processor table (Continued)

Group Name: System	Category Name: Processor		
CreationClassName	~		~
DeviceID	~		~
PowerManagementSupported	~		~
PowerManagementCapabilities	~		~
Availability	~		~
StatusInfo	~		~
LastErrorCode	~		~
ErrorDescription	~		~
ErrorCleared	~		~
OtherIdentifyingInfo	~		~
PowerOnHours	~		~
TotalPowerOnHours	~		~
IdentifyingDescriptions	~		~
AdditionalAvailability	~		~
MaxQuiesceTime	~		~
Role	~		~
Family	~		~
OtherFamilyDescription	~		~
UpgradeMethod	~		~
MaxClockSpeed	~		~
CurrentClockSpeed	~		~
DataWidth	~		~
AddressWidth	~		~
LoadPercentage		HP-UX	HP-UX
Stepping	~		~
UniqueID	~		~
CPUStatus		HP-UX	HP-UX
FirmwareID		HP-UX	HP-UX
NodeID			

Table 1-5   System: Processor table (Continued)

Group Name: System	Category Name: Processor		
SnapshotID			

Memory Categories & Data Tables

The Memory group contains the following categories and structure in the data tables:

- Memory: LogicalMemory
- Memory: Operating System

Table 1-6   Memory: LogicalMemory table

Group Name: Memory	Category Name: LogicalMemory		
Single Row			
Table Attributes	Filter Parameters	Snapshot Presentation	Snapshot Parameters
LogicalMemoryID			
SwapSpaceName		HP-UX	HP-UX
SwapType		HP-UX	HP-UX
SwapPriority	HP-UX	HP-UX	HP-UX
SwapSpaceMinimumSize	HP-UX	HP-UX	HP-UX
SwapSpaceMaximumSize	HP-UX	HP-UX	HP-UX
SwapSpaceReservedSize	HP-UX	HP-UX	HP-UX
NodeID			
SnapshotID			

Table 1-7   Memory: OperatingSystem table

Group Name: Memory	Category Name: OperatingSystem**		
Multiple Rows			
Table Attributes	Filter Parameters*	Snapshot Presentation	Snapshot Parameters
Name		HP-UX	
TotalSwapSpaceSize		HP-UX	
TotalVirtualMemorySize		HP-UX	
FreeVirtualMemory	~		
FreePhysicalMemory	~		
TotalVisibleMemorySize	~		

Table 1-7   Memory: OperatingSystem table (Continued)

Group Name: Memory	Category Name: OperatingSystem**		
SizeStoredInPagingFiles	~		
FreeSpaceInPagingFiles	~		
MaxProcessMemorySize	~		

*Filter attributes are controlled at OperatingSystem category only.

**Attributes do not display until the system collects data. Because DMI data is not stored for memory-related attributes of the OperatingSystem table, no GUI representation is available until data is actually collected.

I/O Devices Categories & Data Tables

The I/O Devices group contains the following categories and structure in the data tables:

- I/O Devices: Device
- I/O Devices: Storage

Table 1-8   I/O Devices: Device table

Group Name: I/O Devices	Category Name: Device		
Multiple Rows			
Table Attributes	Filter Parameters	Snapshot Presentation	Snapshot Parameters
DeviceID			
Type		HP-UX	HP-UX
Caption	~		~
Description		HP-UX	HP-UX
InstallDate	~		~
Name	~		~
Status	~		~
SystemCreationClassName	~		~
SystemName	~		~
CreationClassName	~		~
DeviceIdentifier	HP-UX		HP-UX
PowerManagementSupported	~		~
PowerManagementCapabilities	~		~
Availability	HP-UX		HP-UX
StatusInfo	~		~
LastErrorCode	~		~
ErrorDescription	~		~
ErrorCleared	~		~
OtherIdentifyingInfo	~		~
PowerOnHours	~		~
TotalPowerOnHours	~		~

Table 1-8   I/O Devices: Device table (Continued)

Group Name: I/O Devices	Category Name: Device		
IdentifyingDescriptions	~		~
AdditionalAvailability	~		~
MaxQuiesceTime	~		~
Errors	HP-UX		HP-UX
HardwarePath		HP-UX	HP-UX
HardwareType		HP-UX	HP-UX
DeviceClass	HP-UX		HP-UX
Driver		HP-UX	HP-UX
NodeID			
SnapshotID			

Table 1-9   I/O Devices: Storage table

Group Name: I/O Devices	Category Name: Storage		
Multiple Rows			
Table Attributes	Filter Parameters	Snapshot Presentation	Snapshot Parameters
StorageID			
Type		HP-UX	HP-UX
Caption	~		~
Description		HP-UX	HP-UX
InstallDate	~		~
Name	~		~
Status	~		~
SystemCreationClassName	~		~
SystemName	~		~
CreationClassName	~		~
DeviceID	~		~
PowerManagementSupported	~		~
PowerManagementCapabilities	~		~

Table 1-9   I/O Devices: Storage table (Continued)

Group Name: I/O Devices	Category Name: Storage		
Availability	~		~
StatusInfo	~		~
LastErrorCode	~		~
ErrorDescription	~		~
ErrorCleared	~		~
OtherIdentifyingInfo	~		~
PowerOnHours	~		~
TotalPowerOnHours	~		~
IdentifyingDescriptions	~		~
AdditionalAvailability	~		~
MaxQuiesceTime	~		~
Capabilities	~		~
CapabilityDescriptions	~		~
ErrorMethodology	~		~
CompressionMethod	~		~
NumberOfMediaSupported	~		~
MaxMediaSize		HP-UX	
DefaultBlockSize		HP-UX	
MaxBlockSize	~		~
MinBlockSize	~		~
NeedsCleaning	~		~
MediaIsLocked	~		~
Security	~		~
LastCleaned	~		~
MaxAccessTime	~		~
UncompressedDataRate	~		~
LoadTime	~		~
UnloadTime	~		~
MountCount	~		~

Table 1-9   I/O Devices: Storage table (Continued)

Group Name: I/O Devices	Category Name: Storage		
TimeOfLastMount	~		~
TotalMountTime	~		~
UnitsDescription	~		~
MaxUnitsBeforeCleaning	~		~
UnitsUsed	~		~
FormatsSupported	~		~
EOTWarningZoneSize	~		~
MaxPartitionCount	~		~
Padding	~		~
MaxRewindTime	~		~
NodeID			
SnapshotID			

File System Categories & Data Tables

The File System group contains the following categories and structure in the data tables:

- File System: FileSystem
- File System: LVMLogicalVolume
- File System: LVMPhysicalVolume
- File System: LVMPhysicalVolumeGroup
- File System: LVMVolumeGroup

Table 1-10   File System: FileSystem table

Group Name: File System	Category Name: FileSystem		
Multiple rows			
Table Attributes	Filter Parameters	Snapshot Presentation	Snapshot Parameters
FileSystemID			
Caption	~		~
Description	~		~
InstallDate	~		~
Status	~		~
CSCreationClassName	~		~
CSName	~		~
CreationClassName	~		~
Name		HP-UX	HP-UX
Root	HP-UX		HP-UX
BlockSize	HP-UX		HP-UX
FileSystemSize		HP-UX	HP-UX
AvailableSpace		HP-UX	HP-UX
ReadOnly	HP-UX		HP-UX
EncryptionMethod	~		~
CompressionMethod	~		~
CaseSensitive	~		~
CasePreserved	~		~

Table 1-10   File System: FileSystem table (Continued)

Group Name: File System	Category Name: FileSystem		
CodeSet	~		~
MaxFileNameLength	~		~
ClusterSize	~		~
FileSystemType		HP-UX	HP-UX
Bootable	HP-UX		HP-UX
TotalINodes	HP-UX		HP-UX
FreeINodes	HP-UX		HP-UX
ReservedCapacity	HP-UX		HP-UX
LargeFileFeature	~		~
Minfree	~		~
FragmentSize	~		~
BytesPerInode	~		~
SectorsPerTrack	~		~
TracksPerCylinder	~		~
DiskCylindersPerCylinderGroup	~		~
DiskRevolutionsPerSecond	~		~
RemoteMountPointName	HP-UX		HP-UX
RotationalDelay	~		~
NodeID			
SnapshotID			

Table 1-11   File System: LVMLogicalVolume table

Group Name: File System	Category Name: LVMLogicalVolume		
Multiple Rows			
Table Attributes	Filter Parameters	Snapshot Presentation	Snapshot Parameters
LVMLogicalVolumeID			
Caption	~		~
Description	~		~

Table 1-11   File System: LVMLogicalVolume table (Continued)

Group Name: File System	Category Name: LVMLogicalVolume		
InstallDate	~		~
Name		HP-UX	HP-UX
Status	HP-UX		HP-UX
SystemCreationClassName	~		~
SystemName	~		~
CreationClassName	~		~
DeviceID	~		~
PowerManagementSupported	~		~
PowerManagementCapabilities	~		~
Availability	~		~
StatusInfo	~		~
LastErrorCode	~		~
ErrorDescription	~		~
ErrorCleared	~		~
OtherIdentifyingInfo	~		~
PowerOnHours	~		~
TotalPowerOnHours	~		~
IdentifyingDescriptions	~		~
AdditionalAvailability	~		~
MaxQuiesceTime	~		~
DataOrganization	~		~
Purpose	~		~
Access	~		~
ErrorMethodology	~		~
BlockSize		HP-UX	HP-UX
NumberOfBlocks	~		HP-UX
ConsumableBlocks	~		HP-UX
ISBasedOnUnderlyingRedundancy	~		HP-UX
SequentialAccess	~		~

Table 1-11　　File System: LVMLogicalVolume table (Continued)

Group Name: File System	Category Name: LVMLogicalVolume		
AccessPermission		HP-UX	HP-UX
MirrorCopyNumber	~		~
ConsistencyRecovery	~		~
SchedulePolicy	~		~
LogicalExtentSize	HP-UX		HP-UX
Capacity	HP-UX		HP-UX
NumberOfStripes	HP-UX		HP-UX
StripeSize	HP-UX		HP-UX
BadBlockRelocation	HP-UX		HP-UX
AllocationPolicy	HP-UX		HP-UX
StaledLogicalExtents	HP-UX		HP-UX
NumberReadAccesses	HP-UX		HP-UX
NumberWriteAccesses	HP-UX		HP-UX
NodeID			
SnapshotID			

Table 1-12　　File System: LVMPhysicalVolume table

Group Name: File System	Category Name: LVMPhysicalVolume		
Multiple Rows			
Table Attributes	Filter Parameters	Snapshot Presentation	Snapshot Parameters
LVMPhysicalVolumeID			
Caption	~		~
Description	~		~
InstallDate	~		~
Name		HP-UX	HP-UX
Status		HP-UX	HP-UX
SystemCreationClassName	~		~
SystemName	~		~

Table 1-12   File System: LVMPhysicalVolume table (Continued)

Group Name: File System	Category Name: LVMPhysicalVolume		
CreationClassName	~		~
DeviceID	~		~
PowerManagementSupported	~		~
PowerManagementCapabilities	~		~
Availability	~		~
StatusInfo	~		~
LastErrorCode	~		~
ErrorDescription	~		~
ErrorCleared	~		~
OtherIdentifyingInfo	~		~
PowerOnHours	~		~
TotalPowerOnHours	~		~
IdentifyingDescriptions	~		~
AdditionalAvailability	~		~
MaxQuiesceTime	~		~
DataOrganization	~		~
Purpose	~		~
Access	~		~
ErrorMethodology	~		~
BlockSize	~		~
NumberOfBlocks	~		~
ConsumableBlocks	~		~
IsBasedOnUnderlyingRedundancy	~		~
SequentialAccess	~		~
Bootable	~		~
Allocatable	~		~
Signature	~		~
SignatureAlgorithm	~		~
SignatureState	~		~

Table 1-12   File System: LVMPhysicalVolume table (Continued)

Group Name: File System	Category Name: LVMPhysicalVolume		
Extendable	~		~
PrimaryPartition	~		~
PartitionType	~		~
PartitionSubtype	~		~
AlternatePVName	HP-UX		HP-UX
PhysicalExtentSize	HP-UX		HP-UX
Capacity		HP-UX	HP-UX
Free		HP-UX	HP-UX
Allocated		HP-UX	HP-UX
NumberStaledPEs	HP-UX		HP-UX
NodeID			
SnapshotID			

Table 1-13   File System: LVMPhysicalVolumeGroup table

Group Name: File System	Category Name: LVMPhysicalVolumeGroup		
Multiple Rows			
Table Attributes	Filter Parameters	Snapshot Presentation	Snapshot Parameters
LVMPhysicalVolumeGroupID			
Caption	~		~
Description	~		~
CollectionID			
Name		HP-UX	HP-UX
NodeID			
SnapshotID			

Table 1-14   File System: LVMVolumeGroup table

Group Name: File System	Category Name: LVMVolumeGroup		
Multiple Rows			
Table Attributes	Filter Parameters	Snapshot Presentation	Snapshot Parameters
LVMVolumeGroupID			
Caption	~		~
Description	~		~
Name		HP-UX	HP-UX
Status		HP-UX	HP-UX
CollectionID			
AccessPermission		HP-UX	HP-UX
PhysicalExtentSize	HP-UX		HP-UX
Capacity		HP-UX	HP-UX
Allocated	HP-UX		HP-UX
FreeSpace	HP-UX		HP-UX
MaxNumberOfPVs	HP-UX		HP-UX
MaxPEsPerPV	HP-UX		HP-UX
NumberOfDefinedPVs	HP-UX		HP-UX
NumberOfActivePVs	HP-UX		HP-UX
MaxNumberOfLVs	HP-UX		HP-UX
NumberOfDefinedLVs	HP-UX		HP-UX
NumberOfActiveLVs	HP-UX		HP-UX
NumberOfPVGroups	HP-UX		HP-UX
NumberOfVGDAs	~		~
TotalSparePVs	~		~
SparePVsInUse	~		~
NodeID			
SnapshotID			

Network Categories & Data Tables

The Network group contains the following categories and structure in the data tables:

- Network: DNSAdminDomain
- Network: IPRoute
- Network: NetworkAdapter
- Network: NISAdminDomain
- Network: NTPAdminDomain

Table 1-15   Network: DNSAdminDomain table

Gropu Name: Network	Category Name: DNSAdminDomain		
Multiple Rows			
Table Attributes	Filter Parameters	Snapshot Presentation	Snapshot Parameters
DNSAdminDomainID			
Caption	~		~
Description	~		~
InstallDate	~		~
Status	~		~
CreationClassName	~		~
Name		HP-UX	HP-UX
PrimaryOwnerName	~		~
PrimaryOwnerContact	~		~
Roles	~		~
NameFormat	~		~
SearchList		HP-UX	HP-UX
Addresses		HP-UX	HP-UX
NodeID			
SnapshotID			

Table 1-16   Network: IPRoute table

Group Name: Network	Category Name: IPRoute		
Multiple Rows			
Table Attributes	Filter Parameters	Snapshot Presentation	Snapshot Parameters
IPRouteID			
Caption	~		~
Description	~		~
InstallDate	~		~
Name	~		~
Status	~		~
SystemCreationClassName	~		~
SystemName	~		~
ServiceCreationClassName	~		~
ServiceName	~		~
CreationClassName	~		~
IPDestinationAddress		HP-UX	HP-UX
IPDestinationMask		HP-UX	HP-UX
NextHop		HP-UX	HP-UX
AddressType	~		~
IsStatic	~		~
RouteCount	HP-UX		HP-UX
RouteArgument	HP-UX		HP-UX
NodeID			
SnapshotID			

Table 1-17   Network: NetworkAdapter table

Group Name: Network	Category Name: NetworkAdapter		
Multiple Rows			
Table Attributes	Filter Parameters	Snapshot Presentation	Snapshot Parameters
NetworkAdapterID			
Caption	~		~
Description	~		~
InstallDate	~		~
Name		HP-UX	HP-UX
Status	~		~
SystemCreationClassName	~		~
SystemName	~		~
CreationClassName	~		~
DeviceID	HP-UX		HP-UX
PowerManagementSupported	~		~
PowerManagementCapabilities	~		~
Availability	~		~
StatusInfo	HP-UX		HP-UX
LastErrorCode	~		~
ErrorDescription	~		~
ErrorCleared	~		~
OtherIdentifyingInfo	~		~
PowerOnHours	~		~
TotalPowerOnHours	~		~
IdentifyingDescriptions	~		~
AdditionalAvailability	~		~
MaxQuiesceTime	~		~
PermanentAddress	~		~
NetworkAddresses	HP-UX		HP-UX
Speed	~		~
MaxSpeed	~		~

Table 1-17   Network: NetworkAdapter table (Continued)

Group Name: Network	Category Name: NetworkAdapter		
FullDuplex	~		~
AutoSense	~		~
OctetsTransmitted	~		~
OctetsReceived	~		~
SubnetMask		HP-UX	
StationAddress		HP-UX	
DHCPEnabled	HP-UX		HP-UX
BroadcastAddress	HP-UX		HP-UX
Hostname		HP-UX	HP-UX
NodeID			
SnapshotID			

Table 1-18   Network: NISAdminDomain table

Group Name: Network	Category Name: NISAdminDomain		
Single Row			
Table Attributes	Filter Parameters	Snapshot Presentation	Snapshot Parameters
NISAdminDomainID			
Caption	~		~
Description	~		~
InstallDate	~		~
Status	~		~
CreationClassName	~		~
Name		HP-UX	HP-UX
PrimaryOwnerName	~		~
PrimaryOwnerContact	~		~
Roles	~		~
NameFormat	~		~
IsMasterServer	HP-UX		HP-UX

Table 1-18   Network: NISAdminDomain table (Continued)

Group Name: Network	Category Name: NISAdminDomain		
IsSlaveServer	HP-UX		HP-UX
ServerWaitFlag	HP-UX		HP-UX
NodeID			
SnapshotID			

Table 1-19   Network: NTPAdminDomain table

Group Name: Network	Category Name: NTPAdminDomain		
Single Row			
Table Attributes	Filter Parameters	Snapshot Presentation	Snapshot Parameters
NTPAdminDomainID			
Caption	~		~
Description	~		~
InstallDate	~		~
Status	~		~
CreationClassName	~		~
Name	~		~
PrimaryOwnerName	~		~
PrimaryOwnerContact	~		~
Roles	~		~
NameFormat	~		~
ServerAddress		HP-UX	HP-UX
NodeID			
SnapshotID			

Software Categories & Data Tables

The Software group contains the following categories and structure in the data tables:

- Software: BundleContents
- Software: Bundle
- Software: Product
- Software: Fileset

Table 1-20   **Software: BundleContents table**

Group Name: Software	Category Name: BundleContents		
Multiple Row			
Table Attributes	Filter Parameters	Snapshot Presentation	Snapshot Parameters
BundleContentsID			
Bundle		HP-UX	HP-UX
Content		HP-UX	HP-UX
SnapshotID			
NodeID			

Table 1-21   **Software: Bundle table**

Group Name: Software	Category Name: Bundle		
Multiple Row			
Table Attributes	Filter Parameters	Snapshot Presentation	Snapshot Parameters
BundleID			
Caption		HP-UX	HP-UX
Description	HP-UX		HP-UX
IdentifyingNumber			HP-UX
Name		HP-UX	HP-UX
SKUNumber	HP-UX		HP-UX
Vendor		HP-UX	HP-UX
Version		HP-UX	HP-UX

Table 1-21 **Software: Bundle table (Continued)**

Group Name: Software	Category Name: Bundle		
WarrantyStartDate	~		~
WarrantyDuration	~		~
Architecture		HP-UX	HP-UX
Location		HP-UX	HP-UX
QualifierID	HP-UX		HP-UX
CreateTime	HP-UX		HP-UX
ModificationTime	HP-UX		HP-UX
Size	HP-UX		HP-UX
Copyright	HP-UX		HP-UX
Directory	HP-UX		HP-UX
InstanceIdentifier	HP-UX		HP-UX
IsLocatable	HP-UX		HP-UX
LayoutVersion	HP-UX		HP-UX
MachineType	HP-UX		HP-UX
OperatingSystemName	HP-UX		HP-UX
OperatingSystemRelease	HP-UX		HP-UX
OperatingSystemVersion	HP-UX		HP-UX
IsPatch	HP-UX		HP-UX
InstallSource	HP-UX		HP-UX
DataModelRevision	HP-UX		HP-UX
InstallDate		HP-UX	HP-UX
SnapshotID			
NodeID			

Table 1-22   Software: Product table

Group Name: Software	Category Name: Product		
Multiple Rows			
Table Attributes	Filter Parameters	Snapshot Presentation	Snapshot Parameters
ProductID			
Caption		HP-UX	HP-UX
Description	HP-UX		HP-UX
IdentifyingNumber			HP-UX
Name		HP-UX	HP-UX
SKUNumber	HP-UX		HP-UX
Vendor		HP-UX	HP-UX
Version		HP-UX	HP-UX
WarrantyStartDate	~		~
WarrantyDuration	~		~
Architecture		HP-UX	HP-UX
Location		HP-UX	HP-UX
QualifierID	HP-UX		HP-UX
CreateTime	HP-UX		HP-UX
ModificationTime	HP-UX		HP-UX
Size	HP-UX		HP-UX
AllFilesets	HP-UX		HP-UX
ControlDirectory	HP-UX		HP-UX
Copyright	HP-UX		HP-UX
Directory	HP-UX		HP-UX
InstanceIdentifier	HP-UX		HP-UX
IsLocatable	HP-UX		HP-UX
PostKernelPath	HP-UX		HP-UX
LayoutVersion	HP-UX		HP-UX
MachineType	HP-UX		HP-UX
OperatingSystemName	HP-UX		HP-UX
OperatingSystemRelease	HP-UX		HP-UX

Table 1-22   Software: Product table (Continued)

Group Name: Software	Category Name: Product		
OperatingSystemVersion	HP-UX		HP-UX
IsPatch	HP-UX		HP-UX
InstallSource	HP-UX		HP-UX
DataModelRevision	HP-UX		HP-UX
InstallDate		HP-UX	
NodeID			
SnapshotID			

Table 1-23   Software: Fileset table

Group Name: Software	Category Name: Fileset		
Multiple Rows			
Table Attributes	Filter Parameters	Snapshot Presentation	Snapshot Parameters
FilesetID			
Caption			HP-UX
Description	HP-UX		HP-UX
InstallDate		HP-UX	HP-UX
Name		HP-UX	HP-UX
Version		HP-UX	HP-UX
SoftwareElementState	HP-UX		HP-UX
SoftwareElementID			HP-UX
TargetOperatingSystem	~		~
OtherTargetOS	~		~
Manufacturer	~		~
BuildNumber	~		~
SerialNumber	~		~
CodeSet	~		~
IdentificationCode	~		~
LanguageEdition	~		~

Table 1-23   Software: Fileset table (Continued)

Group Name: Software	Category Name: Fileset		
CreateTime	~		~
ModificationTime	HP-UX		HP-UX
Size	HP-UX		HP-UX
ControlDirectory	HP-UX		HP-UX
IsKernel	HP-UX		HP-UX
IsLocatable	HP-UX		HP-UX
IsReboot		HP-UX	HP-UX
Location	HP-UX		HP-UX
MediaSequenceList	HP-UX		HP-UX
DataModelRevision	HP-UX		HP-UX
InstanceIdentifier	HP-UX		HP-UX
Architecture		HP-UX	HP-UX
MachineType		HP-UX	HP-UX
OperatingSystemName	HP-UX		HP-UX
OperatingSystemRelease	HP-UX		HP-UX
OperatingSystemVersion	HP-UX		HP-UX
InstallSource	HP-UX		HP-UX
IsPatch	HP-UX		HP-UX
IsSparse	HP-UX		HP-UX
PatchState	HP-UX		HP-UX
AppliedTo	HP-UX		HP-UX
SupercededBy	HP-UX		HP-UX
SavedFilesDirectory	HP-UX		HP-UX
NodeID			
SnapshotID			

Process Categories & Data Tables

The Process group contains the following categories and structure in the data tables:

- Process: Process
- Process: OperatingSystem

Table 1-24   Process: Process table

Group Name: Process	Category Name: Process		
Multiple Rows			
Table Attributes	Filter Parameters	Snapshot Presentation	Snapshot Parameters
ProcessID			
Handle		HP-UX	HP-UX
Caption	~		~
Description	~		~
InstallDate	~		~
Name		HP-UX	HP-UX
Status	~		~
CSCreationClassName	~		~
CSName	~		~
OSCreationClassName	~		~
OSName	~		~
CreationClassName	~		~
Priority	~		~
ExecutionState	~		~
CreationDate	~		~
TerminationDate	~		~
UserModeTime	~		~
KernelModeTime	~		~
WorkingSetSize	~		~
RealUserID	HP-UX		HP-UX
ProcessGroupID	HP-UX		HP-UX

Table 1-24   Process: Process table (Continued)

Group Name: Process	Category Name: Process		
ProcessSessionID	~		~
ProcessTTY	HP-UX		HP-UX
ModulePath	HP-UX		HP-UX
Parameters	HP-UX		HP-UX
ProcessNiceValue	HP-UX		HP-UX
ProcessCPUTime	~		~
ProcessRealText	~		~
ProcessRealData	HP-UX		HP-UX
ProcessRealStack	HP-UX		HP-UX
ProcessVirtualText	HP-UX		HP-UX
ProcessVirtualData	HP-UX		HP-UX
ProcessVirtualStack	HP-UX		HP-UX
ProcessVirtualMemoryMappedFileSize	HP-UX		HP-UX
ProcessVirtualSharedMemory	HP-UX		HP-UX
SystemTimeDeadChild	~		~
ParentProcessID		HP-UX	HP-UX
ProcessRealTotal		HP-UX	HP-UX
NodeID			
SnapshotID			

Table 1-25   Process: OperatingSystem table

Group Name: Process	Category Name: OperatingSystem		
Multiple Rows			
Table Attributes	Filter Parameters*	Snapshot Presentation	Snapshot Parameters
Name		HP-UX	HP-UX
NumberOfProcesses		HP-UX	HP-UX
MaxNumberOfProcesses		HP-UX	HP-UX

*Filter attributes are controlled at the OperatingSystem category only.